

# Tristan Lannigan

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## WORK EXPERIENCE

### **Software Developer**, Lantern

*May 2023 – Present*

Project: Insurance Android app (ASEBP) - Client-led project

- **Technologies:** Java, Kotlin, Android, TypeScript, C#
- Led the end-to-end development of multiple web and Android applications, enhancing user experience and functionality.
- Developed internal apps for various business functions, such as an internal company employee listing app and an estimate generation tool.
- Participated in weekly sprint planning and retrospective ceremonies, improving team collaboration and project timelines.
- Enhanced legacy codebases by implementing new features, resulting in a 20% decrease in claims done over telephone and mail.

### **Fullstack Developer**, Ordr Technologies Inc. (Startup)

*Apr 2022 – May 2023*

Project: Food delivery Android app

- **Technologies:** Kotlin, Android, Node.js, REST APIs
- Developed a commercial Android app through its entire lifecycle, from conception to deployment.
- Engaged with customers to gather feedback and directly addressed their concerns, improving customer satisfaction by 35%.
- Conducted requirements gathering sessions to determine the best technical solutions for business needs, ensuring project alignment with business objectives.
- Designed and developed REST APIs with Node.js, enhancing app functionality and scalability.

### **Developer**, Five Vectors Inc. (Startup)

*Sep 2019 – Mar 2020*

Project: Gaming industry music/audio app

- **Technologies:** JavaScript, TypeScript, React, Node.js, AWS
- Developed frontend and backend implementations for music/audio apps in the gaming industry using JavaScript, TypeScript, React, and Node.js.
- Planned and implemented backend systems, including REST APIs and databases using AWS services.
- Introduced audio streaming capabilities, enhancing user experience.
- Organized development cycles with sprint planning meetings, improving project delivery timelines.

**Web Developer**, VidCruiter Inc.

*Feb 2019 – Sep 2019*

Project: Company website

- **Technologies:** WordPress, HTML, CSS, JavaScript, jQuery
- Created custom WordPress templates and themes for the company website, improving design flexibility.
- Optimized site performance and Lighthouse rankings, achieving a 25% increase in site speed and reducing server bandwidth usage by 40%.
- Designed mock UI/UX using Photoshop, Illustrator, and Figma.

**Systems Administrator**, ITEC 2000 Equipment & Hydraulics

*Apr 2018 – Aug 2018*

Project: IT infrastructure management

- **Technologies:** VoIP, Wireless Access Points, Windows Server
- Ensured high availability for both user machines and on-site servers for 20 users across two sites, handling updates, backups, group policies, and website maintenance.
- Provided technical support for VoIP configurations and wireless access points, enhancing communication efficiency.
- Improved operational security by implementing MFA, SSO, and password vaults, improving user productivity.

## EDUCATION

**Bachelor of Science: Computer Science**

*Sep 2021 – Feb 2022*

Athabasca University - Athabasca, AB

**Web and Mobile Development**

*Sep 2018 – Jun 2019*

Oulton College - Moncton, NB